

Work Task E11: Draper Lake

Partners:	U. S. Fish and Wildlife Service
Contact:	Gregg Garnett, LC-8455
Purpose:	Draper Lake is a potential habitat creation project.
Conservation Measures:	CLRA1, BONY2, RASU2, LEBI1 and BLRA1
Long-term Goal(s):	Restore decadent backwater to provide protected habitat for native fish. Create marsh and riparian habitats for other species identified under the LCR MSCP.
Location:	River mile 82.7, California side, Imperial National Wildlife Refuge.
FY2006 Estimate:	\$70,000 will fund Reclamation staff.
FY2007 Estimate:	\$540,000 will fund Reclamation staff, earthwork, dredging, and installation of wedge wire fish screens.
FY2008 Estimate:	\$70,000 will fund monitoring and evaluation of the constructed backwater.
Project Description:	Draper Lake, approximately 40-50 acres, is an existing backwater on Imperial National Wildlife Refuge. Colorado River inflow has been substantially reduced due to siltation and vegetation encroachment of a natural channel that runs between Draper Lake and the Colorado River. The project includes design work, regulatory compliance and associated coordination involved in dredging/excavating 0.3-mile long channel between Draper Lake and the Colorado River at river mile 82.7. Passive fish barrier technology will be used to

exclude non-native fish life stages from Draper Lake. This project will supply additional water capacity to Draper Lake, permitting the survival and maintenance of native fish habitat in the protected backwater. A study plan is available.